

NEWSLETTER OCTOBER 2007

PRODUCT EVALUATION PROGRAM

The Product Resource Investment Deployment and Evaluation (PRIDE) program coordinates the evaluation of a wide variety of products for use by the Arizona Department of Transportation (ADOT)—see www.azdot.gov/TPD/ATRC/pride/index.asp. Some of the categories covered by the program include adhesives, barriers, fencing, drainage structures, patching materials, concrete admixtures, detectable warning strips for sidewalks, plastic pipes, crash barriers, cable barriers, traffic delineators, pavement markers, traffic marking paints and materials, traffic signal and lighting components, and sign sheeting. Products covered by the PRIDE program and submitted for review are evaluated by ADOT staff or contractors. Recommendations from the evaluators are reviewed by the Materials Product Evaluation Committee or the Traffic Control Product Evaluation Committee, depending on the type of product. Approved products are listed on the Approved Products List (APL) (www.azdot.gov/TPD/ATRC/PRIDE/apl.asp), which is updated monthly.

Recently Approved Products Under the PRIDE Program

October 2007

- United Resin Corporation, Structurbond Resin with 550 Hardener: Category V-14C Pavement Marking – Adhesive for Raised Pavement Markers, Epoxy
- Advanced Traffic Markings, ATM 400 and ATM 400+ Extended Life Marking Tape: Category V-20A Pavement Marking – Short-Line Preformed Plastic Pavement Marking – Type I (Permanent)
- Horizon Signal Technologies, SQ3TS: Category V-64 Signal and Lighting – Temporary Traffic Signals – Portable

September 2007

- ISCO Industries, LLC, SNAP-TITE Culvert Liner: Category F-8 Drainage Pipe Liner – High Density Polyethylene
- Zurn Industries, Z-888 Grated Line Drain and Z-888 Slotted Line Drain: Category F-17 Line Drain



SNAP-TITE Culvert Liner



SQ3TS

- W.R. Grace & Company, Gilco Accelerator: Category K-3 Accelerating - Type C
- US Mix Products Co., US SPEC Radiance UV-25: Category M-2 Water Base
- Atlas Tech Products, Atlas E-Pro Seal SLV: Category M-3 Penetrating Crack Sealer

For additional information about the PRIDE program contact Frank Darmiento, tel: 602-712-3134; email: fdarmiento@azdot.gov

FY2008 PROGRAM BOOK

The ADOT fiscal year 2008 research program was recently approved by the Federal Highway Administration Arizona Division. The program identifies 78 active research projects along with support programs. Other program elements include contributions to the National Cooperative Highway Research Program (NCHRP—budgeted at \$740,000) and the Transportation Research Board (TRB) annual dues (budgeted at \$140,000).

The book is available online at:
www.azdot.gov/TPD/ATRC/Publications/SPR/index.asp
Select “2008” for the current program book.

ATRC LIBRARY

ATRC library information, including the library catalogue, is available online at:
www.azdot.gov/TPD/ATRC/library/index.asp

SMALL BUDGET PROGRAM

The small budget program provides research funding throughout the year for projects with budgets up to \$25,000. Three small budget projects were added to the research program during the last calendar quarter.

- SPR-643, *Evaluation of Yellow Left-Turn Arrow Phasing and Flash Options* (budget: \$24,500)
- SPR-644, *Continuum Damage Theory Applied for Asphalt Rubber Mixtures* (budget: \$25,000)
- SPR-656, *Asphalt Rubber Mixtures Susceptibility to Moisture Damage* (budget: \$25,000)

COMPLETED PROJECT REPORTS

All recent published reports and many archival reports are available online at:
www.azdot.gov/TPD/ATRC/Publications/project_reports/index.asp

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MISSION: The ATRC mission is to pursue and share knowledge in transportation systems and programs.